



## Understanding Intelligence (Paperback)

By Rolf Pfeifer, Christian Scheier

MIT Press Ltd, United States, 2001. Paperback. Condition: New. Language: English . Brand New Book. The book includes all the background material required to understand the principles underlying intelligence, as well as enough detailed information on intelligent robotics and simulated agents so readers can begin experiments and projects on their own. By the mid-1980s researchers from artificial intelligence, computer science, brain and cognitive science, and psychology realized that the idea of computers as intelligent machines was inappropriate. The brain does not run programs ; it does something entirely different. But what? Evolutionary theory says that the brain has evolved not to do mathematical proofs but to control our behavior, to ensure our survival. Researchers now agree that intelligence always manifests itself in behavior -- thus it is behavior that we must understand. An exciting new field has grown around the study of behavior-based intelligence, also known as embodied cognitive science, new AI, and behavior-based AI. This book provides a systematic introduction to this new way of thinking. After discussing concepts and approaches such as subsumption architecture, Braitenberg vehicles, evolutionary robotics, artificial life, self-organization, and learning, the authors derive a set of principles and a coherent framework for the study of...



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### Reviews

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*If you need to adding benefit, a must buy book. It really is rally interesting throug reading through period. Your way of life period will probably be convert as soon as you total looking over this book.*

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